

## The holotypes of the Acari (Arthropoda: Arachnida) in the Western Australian Museum

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### Abstract

Ninety-three recently lodged mite holotypes are listed with associated data.

### Introduction

Information regarding the primary type specimens of the Arthropoda (excluding the Crustacea) lodged in the Western Australian Museum prior to 1980 has been presented by Koch (1980)†. These included a few Acari; viz. three mite holotypes (family Trombidiidae) and two tick holotypes and a syntype (family Ixodidae).

Since then large numbers of mite specimens have been added to the collection, and the 93 recently described holotypes are listed here.

The families, genera, subgenera and species are arranged alphabetically within each of the three represented groups: Astigmata, Mesostigmata, and Prostigmata. The generic names of the mites are those with which the specific names were originally combined. For each species or subspecies the information includes the sex, or stage, and WAM register number of the holotype, name of host specimen and of collector or expedition (Exp.), date, and locality of collection including latitude and longitude. Most of the Kimberley Exp. mites were collected by Dr F.S. Lukoschus. They were extracted usually within a few days after collection of the hosts, and the dates given here are those on the slide labels. Each holotype is mounted on a microscope slide. The nomenclature and classification of hosts have been updated.

The information in the present paper has been checked against the literature, records, labels, collectors' names and gazetteers, and where necessary by writing to the collectors and describers. It is believed that any discrepancies between the original papers and this list are due to errors in the former.

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† Koch, L.E. (1980). The Primary Types of Arachnida, Chilopoda, Diplopoda, Insecta, Onychophora and Pycnogonida in the Western Australian Museum. *Rec. West. Aust. Mus.* 8 (2): 295-326.